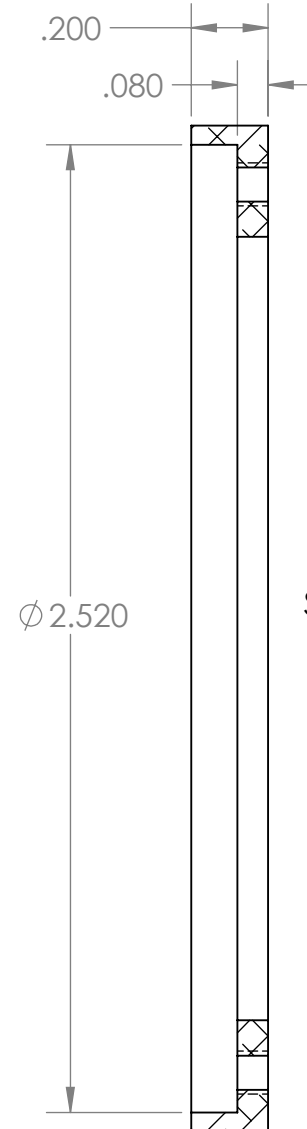
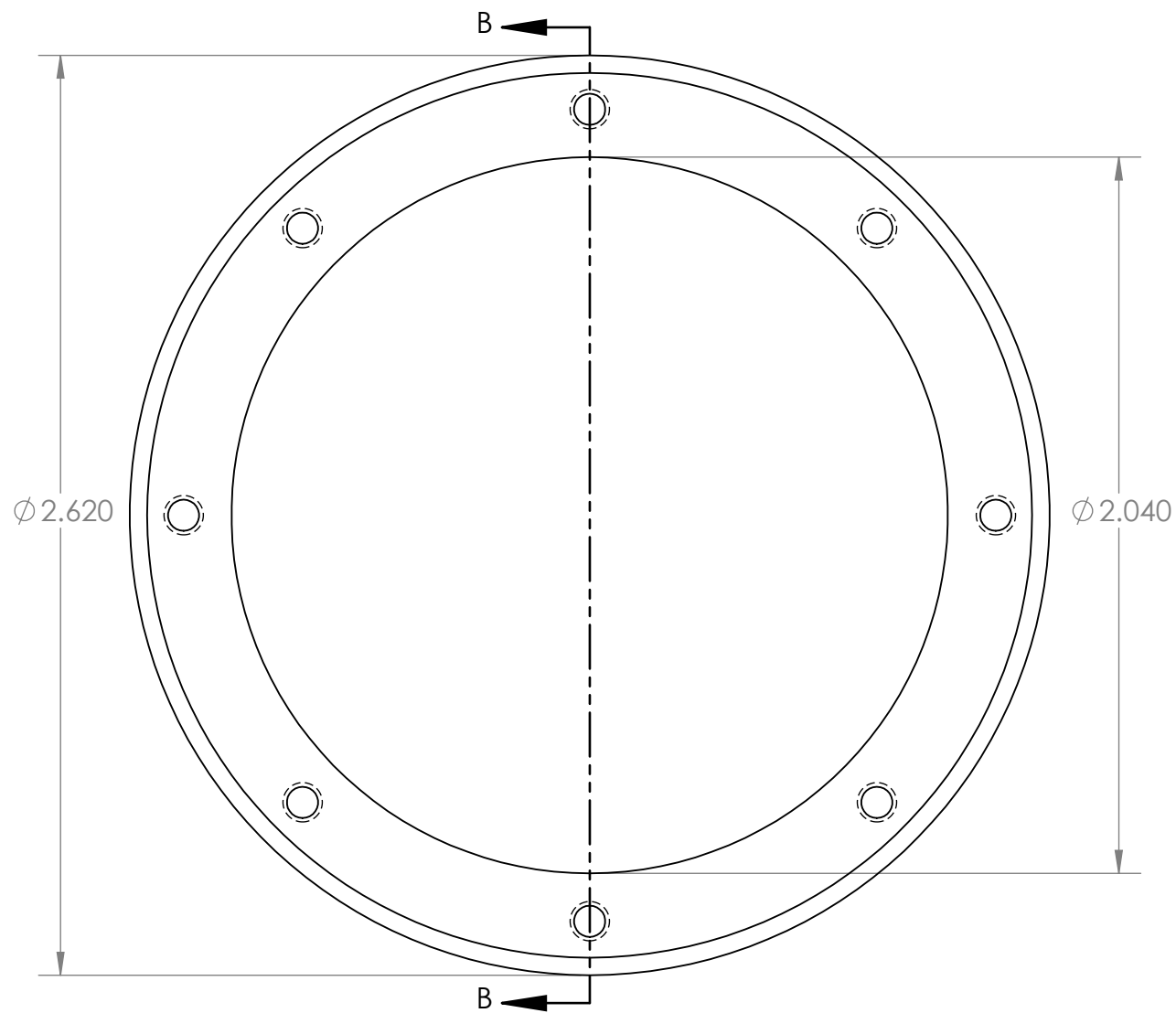
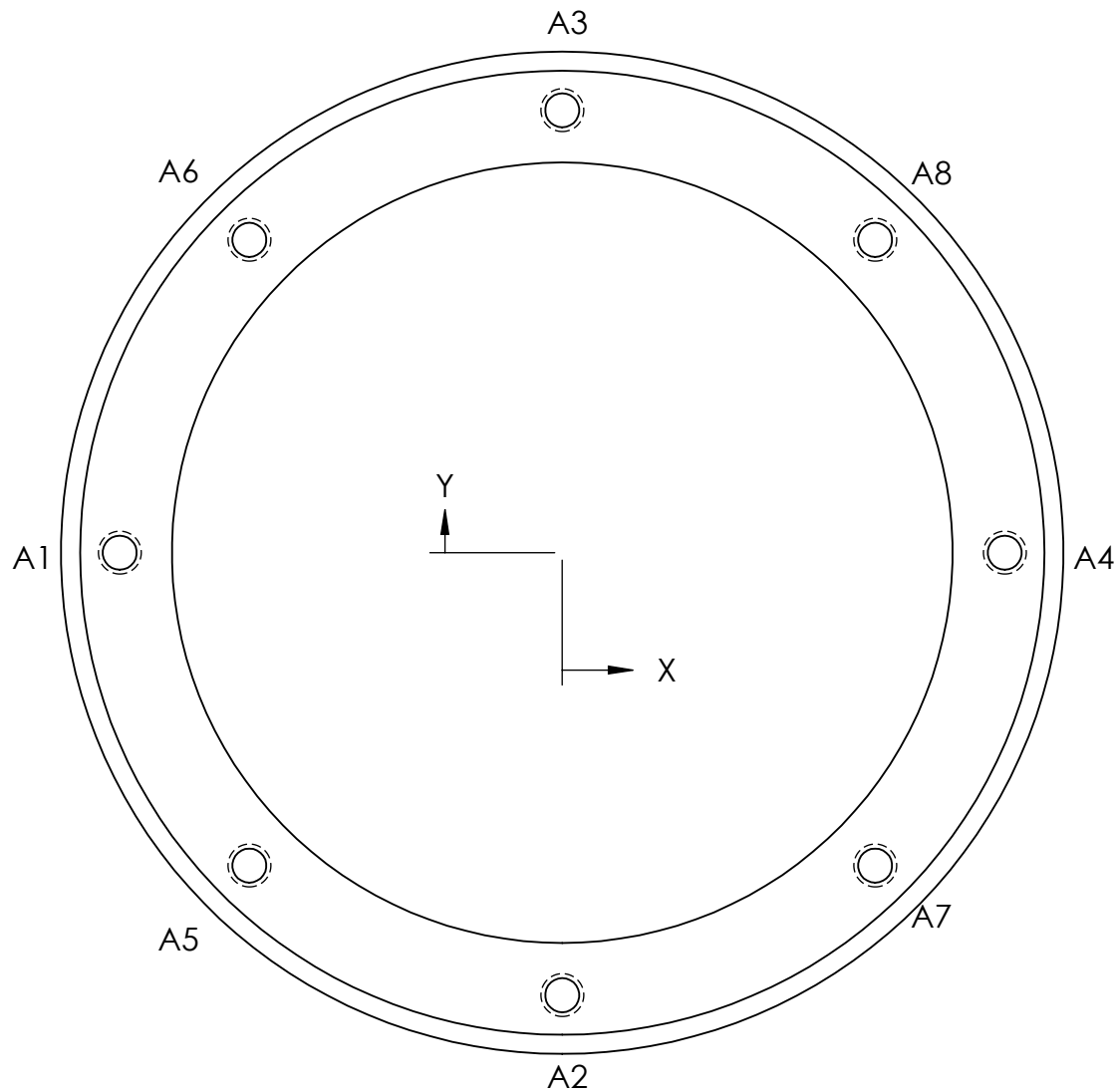




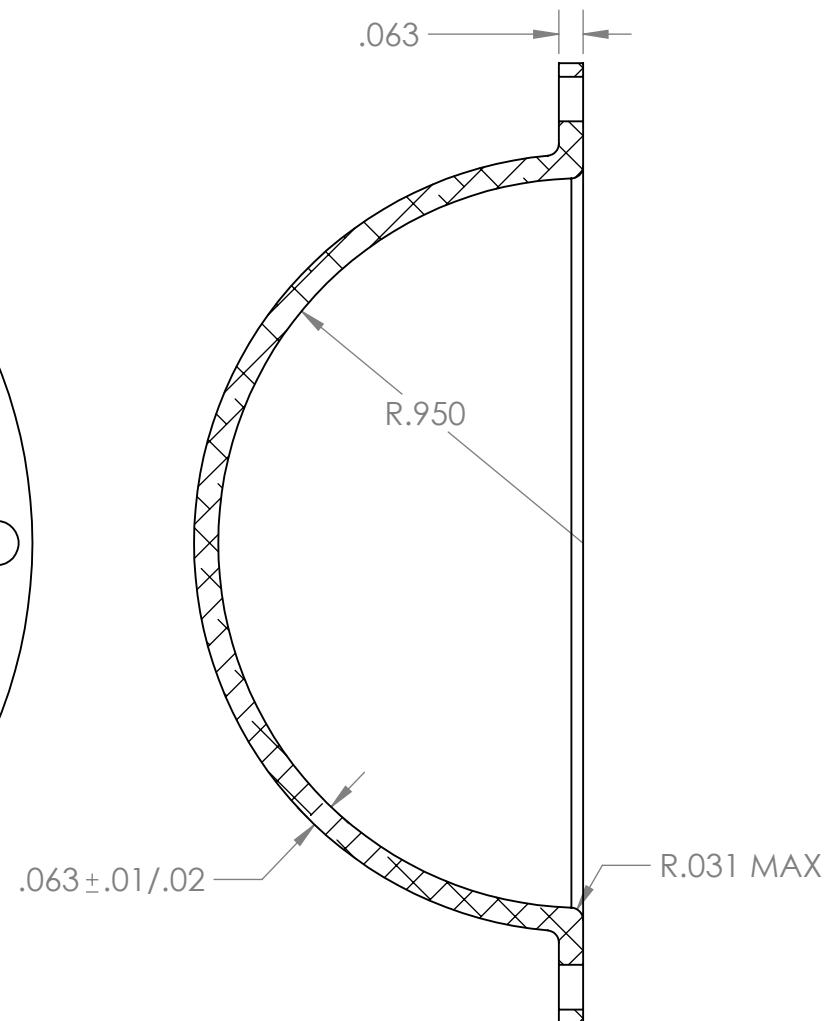
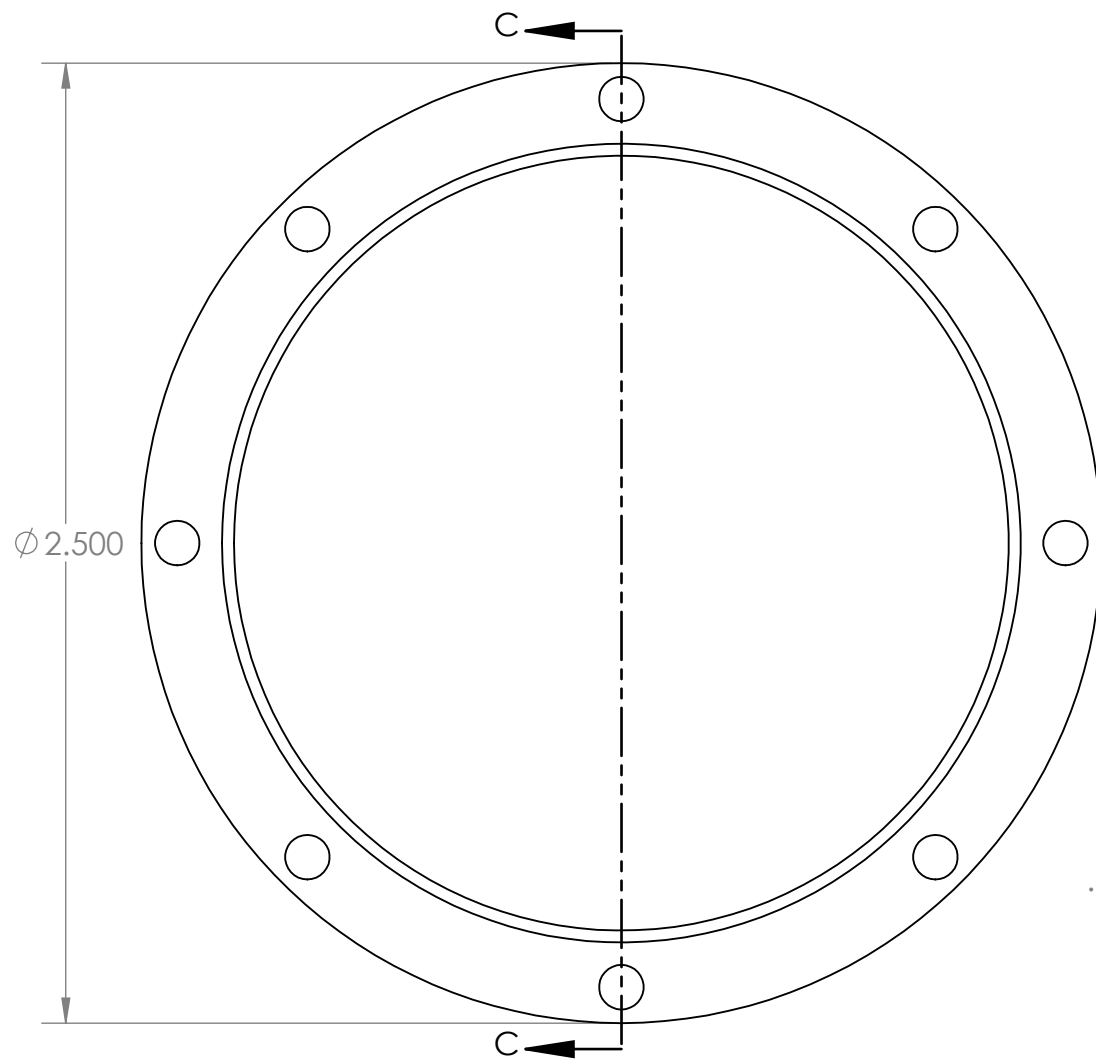
SECTION B-B

	NAME	DATE	TITLE: Flange Ring		
DRAWN	M. Fagin	9/26/12			
REVISED					
REVISED					
REVISED			SIZE A	DWG. NO.	
All Dimmensions in Inches					
MATERIAL	6061 Al		SCALE: 2:1	WEIGHT: 9.5 g	SHEET 1 OF 8



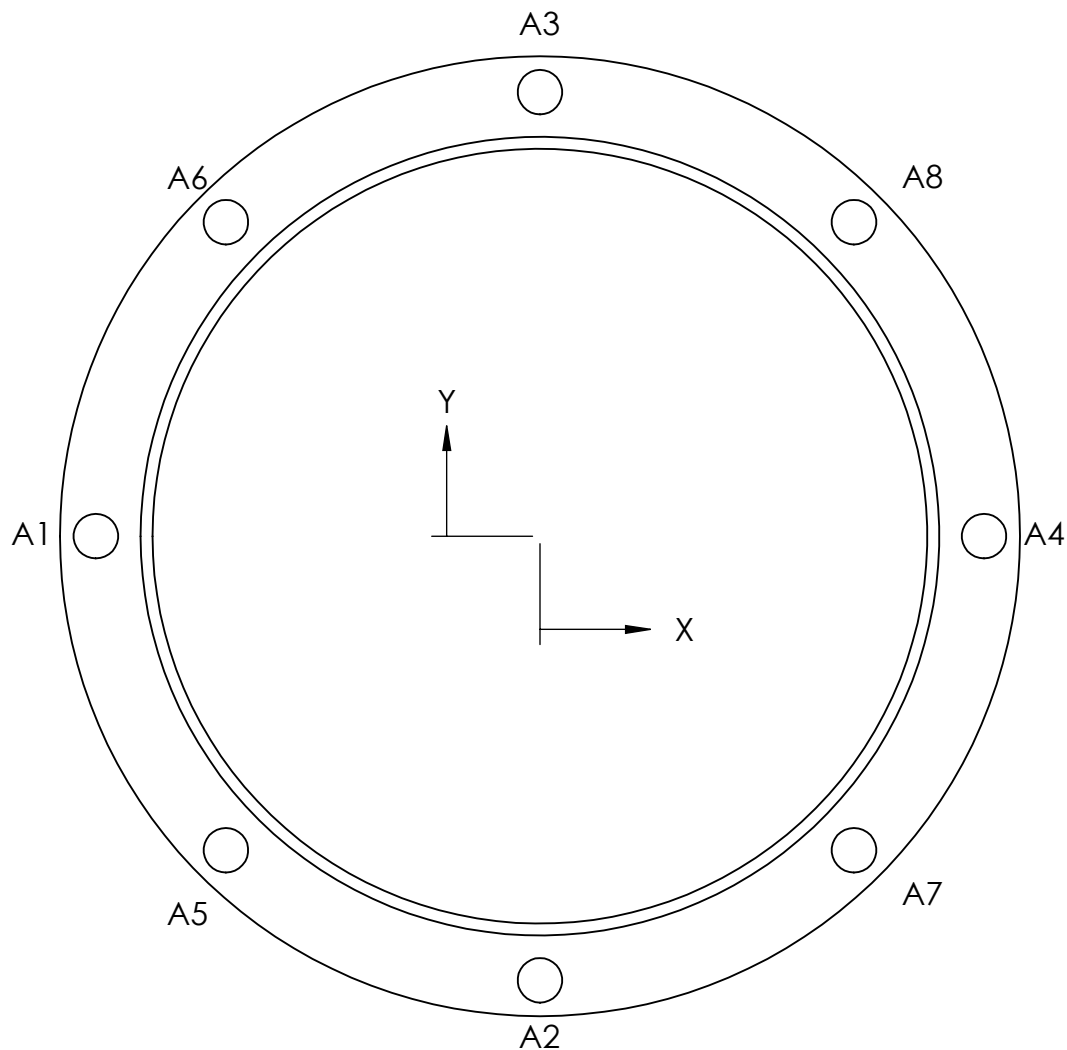
TAG	X LOC	Y LOC	SIZE
A1	-1.157	.000	Ø .089 THRU ALL, 4-40 UNC
A2	.000	-1.157	Ø .089 THRU ALL, 4-40 UNC
A3	.000	1.157	Ø .089 THRU ALL, 4-40 UNC
A4	1.157	.000	Ø .089 THRU ALL, 4-40 UNC
A5	-.818	-.818	Ø .089 THRU ALL, 4-40 UNC
A6	-.818	.818	Ø .089 THRU ALL, 4-40 UNC
A7	.818	-.818	Ø .089 THRU ALL, 4-40 UNC
A8	.818	.818	Ø .089 THRU ALL, 4-40 UNC

	NAME	DATE	TITLE: Flange Ring Holes		
DRAWN	M. Fagin	9/26/12			
REVISED					
REVISED					
REVISED			SIZE A	DWG. NO.	
All Dimmensions in Inches					
MATERIAL	6061 Al		SCALE: 2:1	WEIGHT: 9.5 g	SHEET 2 OF 8



SECTION C-C

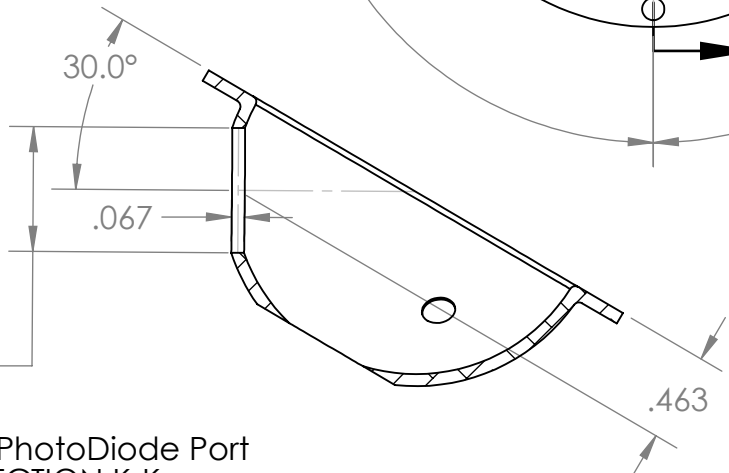
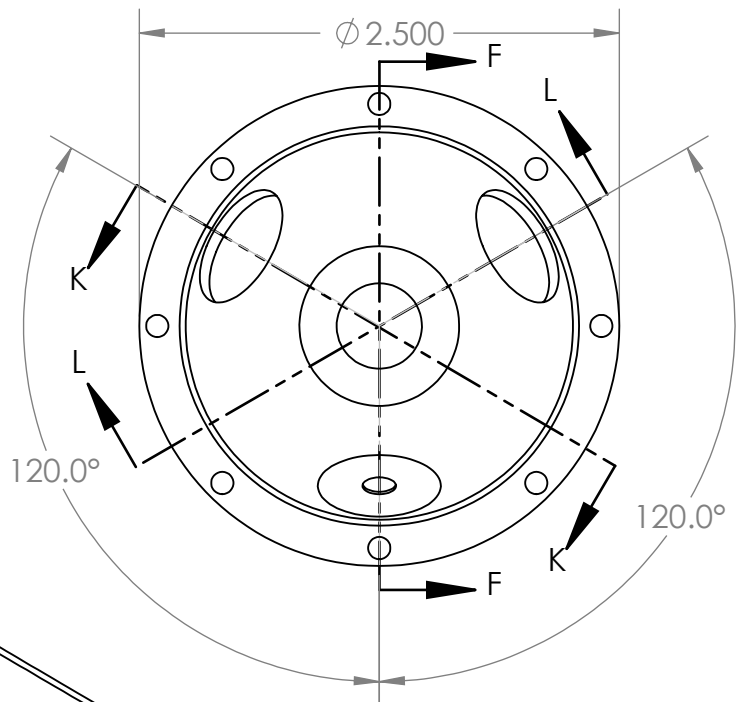
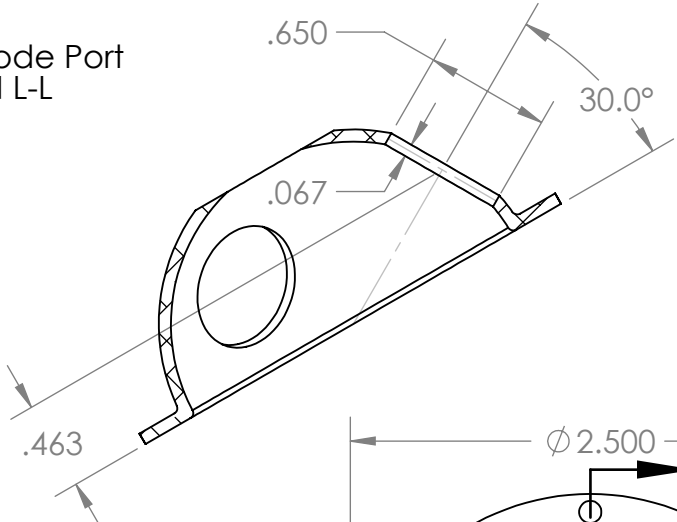
	NAME	DATE	TITLE: Upper Hemisphere		
DRAWN	M. Fagin	9/26/12			
REVISED					
REVISED					
REVISED			SIZE A	DWG. NO.	
All Dimmensions in Inches			SCALE: 2:1	WEIGHT: 21.3 g	SHEET 3 OF 8
MATERIAL	Spun Al				



TAG	X LOC	Y LOC	SIZE
A1	-1.157	.000	Ø .116 THRU ALL
A2	-.000	-1.157	Ø .116 THRU ALL
A3	.000	1.157	Ø .116 THRU ALL
A4	1.157	-.000	Ø .116 THRU ALL
A5	-.818	-.818	Ø .116 THRU ALL
A6	-.818	.818	Ø .116 THRU ALL
A7	.818	-.818	Ø .116 THRU ALL
A8	.818	.818	Ø .116 THRU ALL

	NAME	DATE	TITLE: Upper Hemisphere Holes		
DRAWN	M. Fagin	9/26/12			
REVISED					
REVISED					
REVISED			SIZE A	DWG. NO.	
All Dimmensions in Inches					
MATERIAL	Spun Al		SCALE: 2:1	WEIGHT: 21.3 g	SHEET 4 OF 8

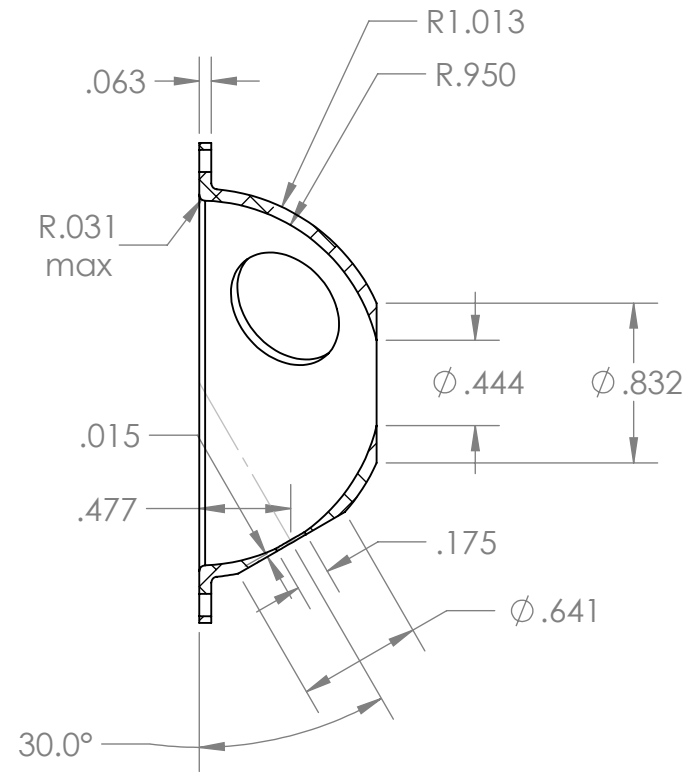
NIST PhotoDiode Port
SECTION L-L



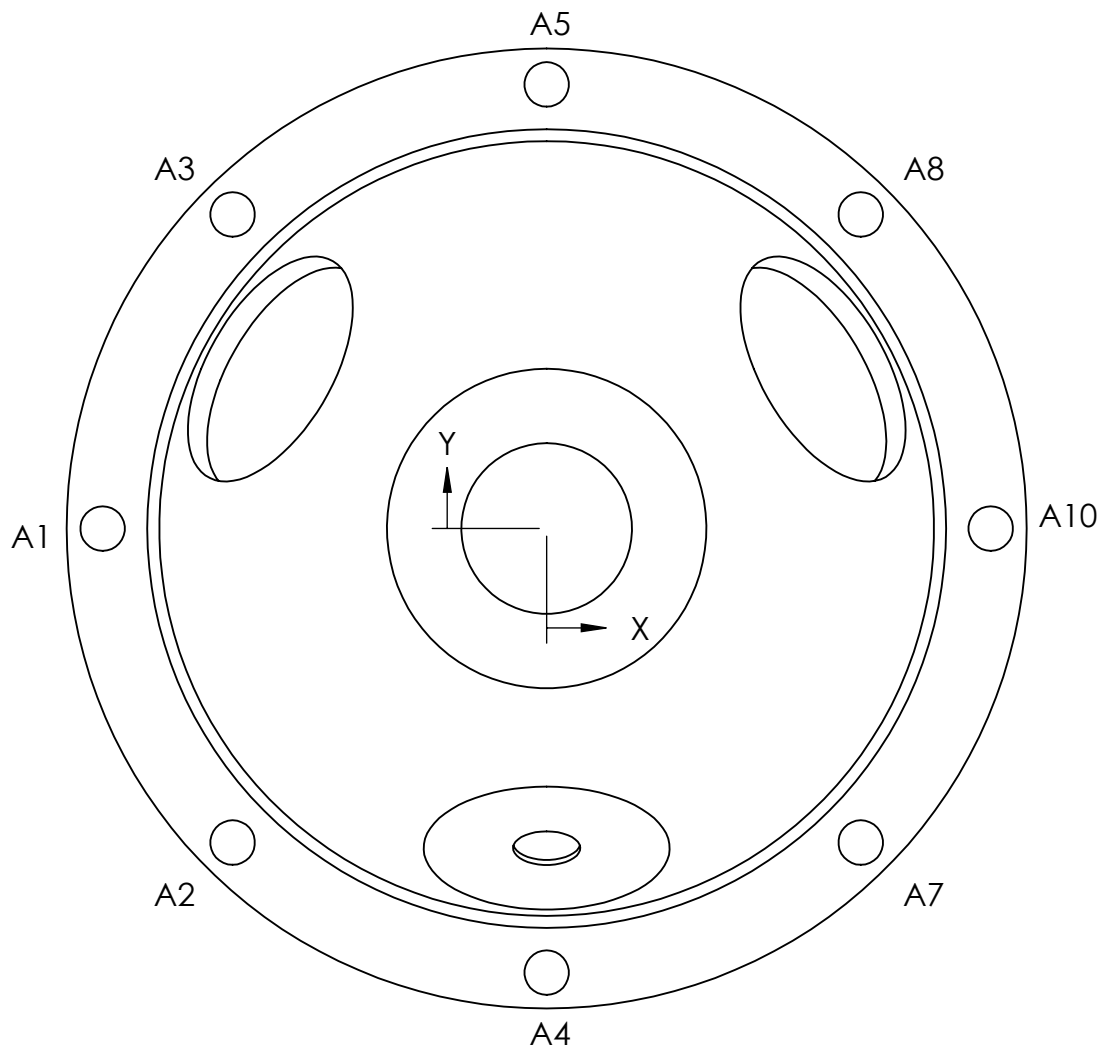
Check PhotoDiode Port
SECTION K-K

Laser Input and Viewport

SECTION F-F



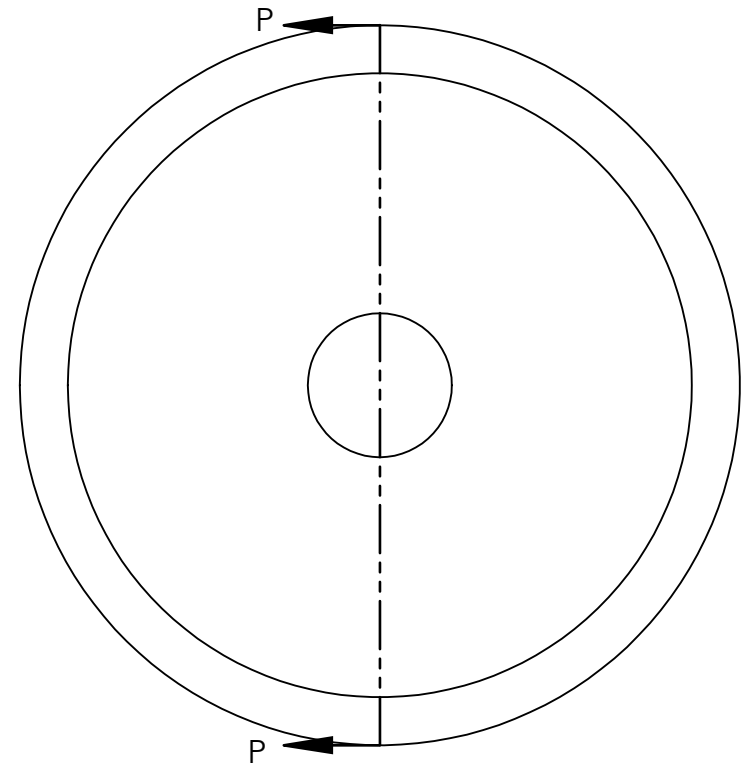
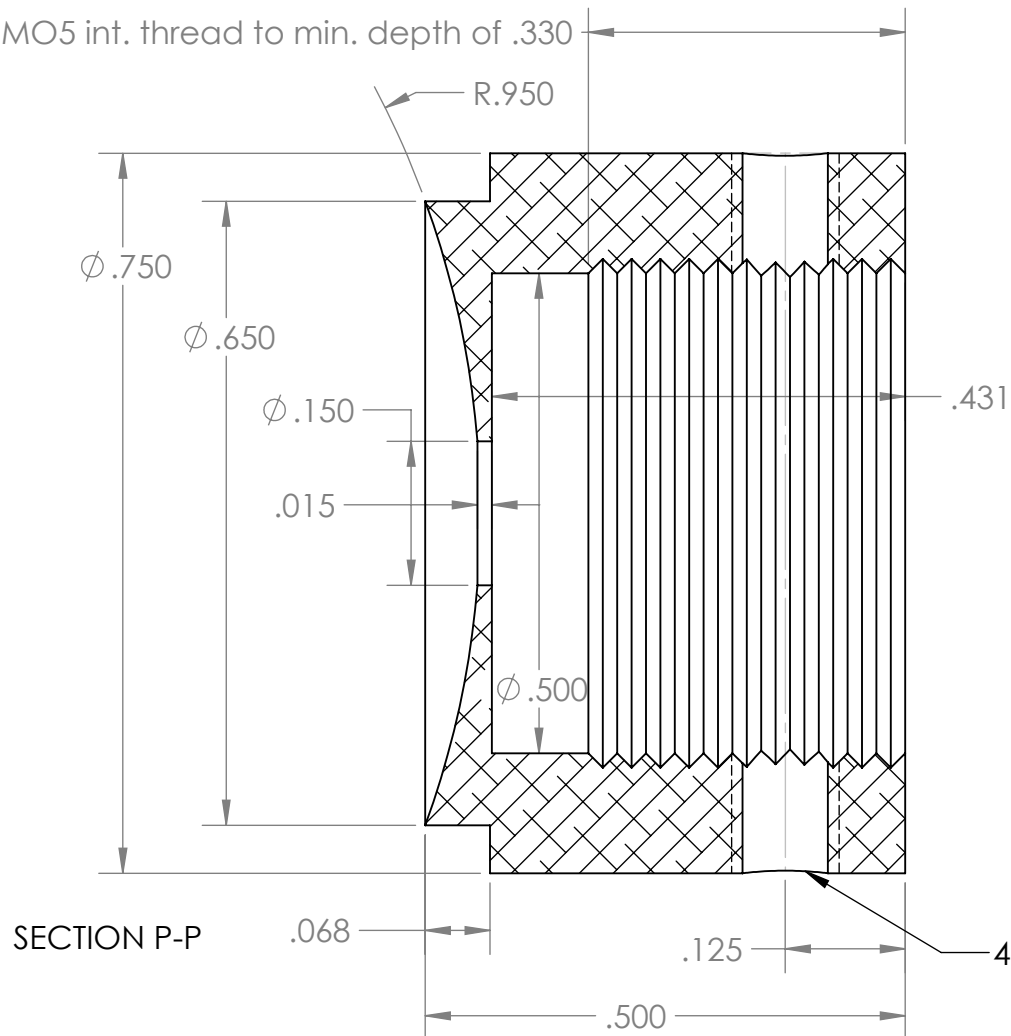
	NAME	DATE	TITLE: Lower Hemisphere		
DRAWN	M. Fagin	9/26/12			
REVISED			SIZE A		
REVISED					
REVISED			DWG. NO.		
All Dimmensions in Inches			SCALE: 1:1		
MATERIAL	Spun Al		WEIGHT: 18.0 g	SHEET 5 OF 8	



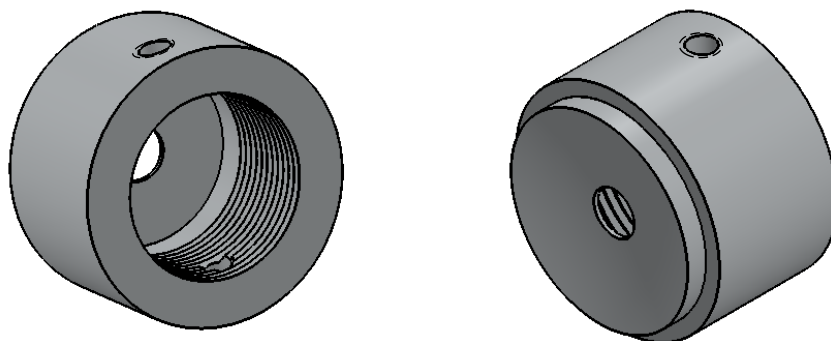
TAG	X LOC	Y LOC	SIZE
A1	-1.157	.000	Ø .116 THRU ALL
A2	-.818	-.818	Ø .116 THRU ALL
A3	-.818	.818	Ø .116 THRU ALL
A4	.000	-1.157	Ø .116 THRU ALL
A5	.000	1.157	Ø .116 THRU ALL
A7	.818	-.818	Ø .116 THRU ALL
A8	.818	.818	Ø .116 THRU ALL
A10	1.157	.000	Ø .116 THRU ALL

	NAME	DATE	TITLE: Lower Hemisphere Holes		
DRAWN	M. Fagin	9/26/12			
REVISED					
REVISED					
REVISED					
All Dimmensions in Inches			SIZE	DWG. NO.	
			A		
MATERIAL	Spun Al		SCALE: 2:1	WEIGHT: 18.0 g	SHEET 6 OF 8

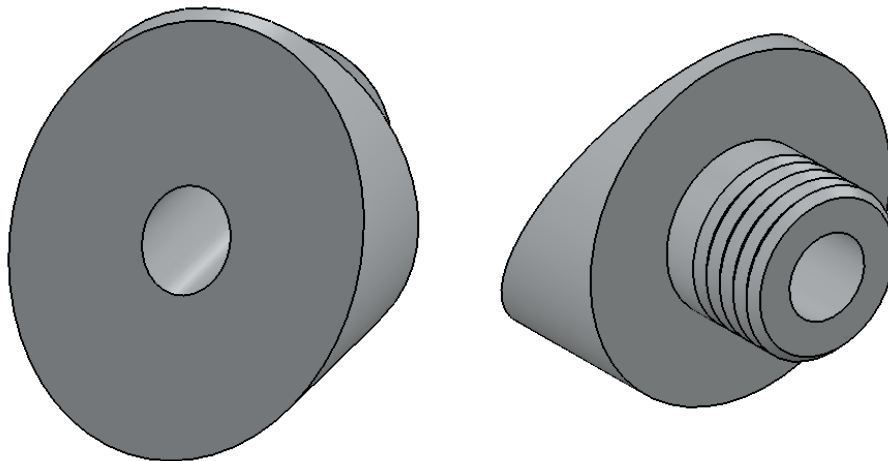
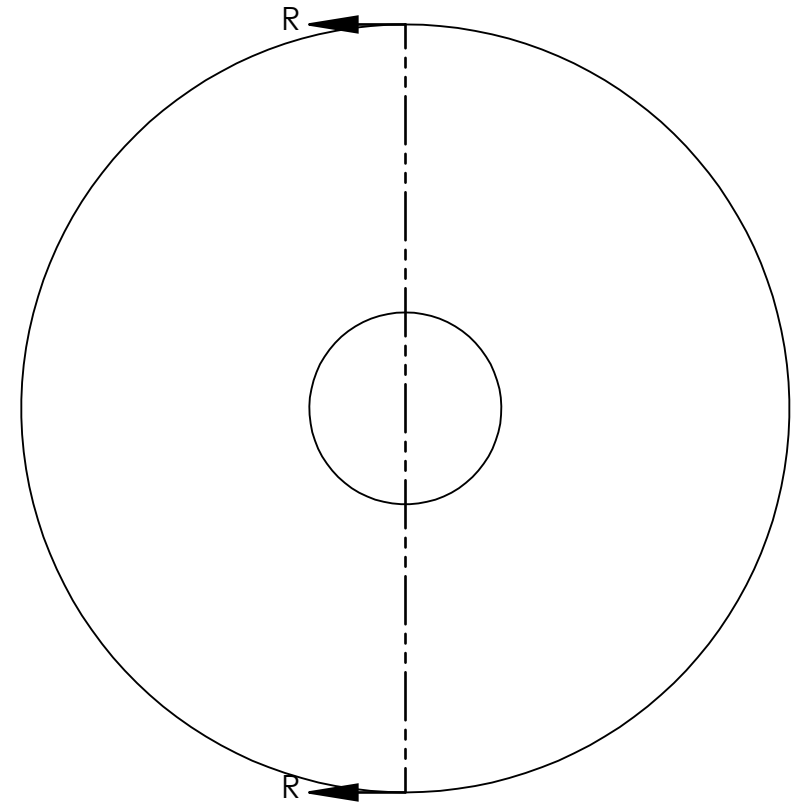
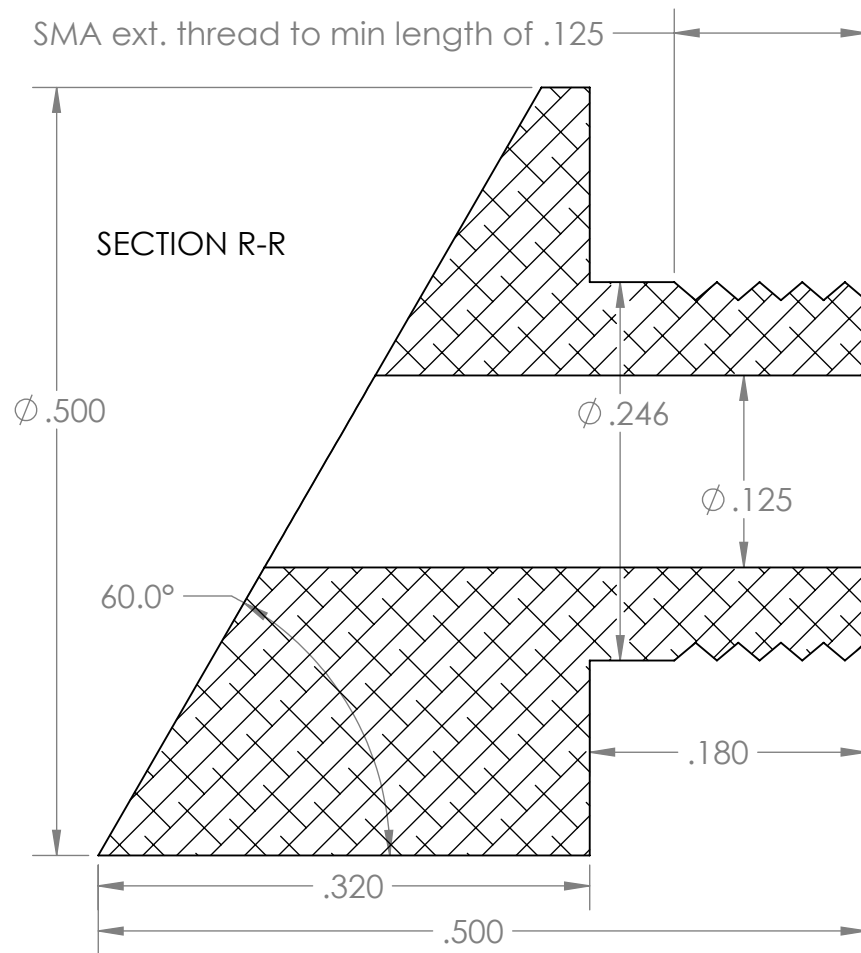
SMO5 int. thread to min. depth of .330



Quantity Required: 2



	NAME	DATE	TITLE: Diode Adapter		
DRAWN	M. Fagin	9/26/12			
REVISED					
REVISED					
REVISED			SIZE A DWG. NO.		
All Dimmensions in Inches					
MATERIAL	6061 Al		SCALE: 5:1	WEIGHT: 5.1g	SHEET 7 OF 8



	NAME	DATE	TITLE: Laser Adapter		
DRAWN	M. Fagin	9/26/12			
REVISED					
REVISED					
REVISED					
All Dimmensions in Inches			SIZE A	DWG. NO.	
MATERIAL	6061 Al		SCALE: 8:1	WEIGHT: 1.7 g	SHEET 8 OF 8